APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/892,322	06/26/2001	Alan D. Carwile	19923-05881	1933

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EXAMINER
TRUONG, LECHI

ART UNIT	PAPER NUMBER
2126	

DATE MAILED: 03/21/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

	Application No.	Applicant(s)
Office Action Summary	09/892,322	ALAN D
	Examiner	Art Unit	
	LeChi Truong	2126	

-- *The MAILING DATE of this communication appears on the cover sheet with the correspondence address* --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) FROM
THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed
  after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any
  earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on _____.

2a)☒ This action is **FINAL**.   2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is
closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-18* is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) *1-5 and 15* is/are allowed.

6)☒ Claim(s) *6-14, 16-18* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. §§ 119 and 120

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage
application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

13)☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application)
since a specific reference was included in the first sentence of the specification or in an Application Data Sheet.
37 CFR 1.78.

    a) ☐ The translation of the foreign language provisional application has been received.

14)☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific
reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Attachment(s)

1)☐ Notice of References Cited (PTO-892)   4)☐ Interview Summary (PTO-413) Paper No(s). _____.

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)   5)☐ Notice of Informal Patent Application (PTO-152)

3)☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____.   6)☐ Other: .

DETAILED ACTION

1.   Claims 1-18 are presented for the examination.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

2.   Claims **6-10, 12, 13, 14 and 16-18** are   rejected under 35 U.S.C. 103(a) as being

unpatentable over Banthia (US. Patent 5,922,044) in view of Gong (US. Patent 6,324,574 b1).

3.   **As to claim 6,** Banthia teaches the invention substantially as claimed including: a client

computer (the client/ computer system 110, col 3, ln 27-34/ col 4, ln 46-55), a processor

(processor 230, col 4, ln 50-53), a memory (memory 220, col 4, ln 50-53), a display (single

browser window, col 3, ln 48-52), a communication device/ device server (Java VM, col 3, ln

56-60/ col 2, ln 1-5), browser (browser, col 3, ln 48-50/ col 4, ln 21-25), the browser being

communicatively coupled via the communication device(col 4, ln 44-45), an X central

management applet(the controlling applet, col 3, ln 51-64), a request(a data request, col 3, ln

65-67), X device applet(display applets, col 3, ln 51-67), the browser being requesting the

device applets(col 4, ln 11-16), the same webpage(the display applets are generally displayed

applet at a single browser window on a webpage, col 4, ln 21-25).

4.   Banthia does not explicit teach a plurality network devices, the browser being receiving

an applet on a webpage from a launch device, X as an unsigned applet, receiving device

information directly from its device server. However, Gong teaches a plurality network devices,

the browser being receiving an applet on a webpage from a launch device, an unsigned applet

(the network server to obtain network resources requested by the download unsigned applet, col

2, ln 4-7/ln 20-25/ ln 51-67), device information (the ID string, col 4, ln 11-20), receiving device

information directly from its device server (the unsigned applets downloaded from a web server

which can make socket connections back to the web server, and not to other machines, col 2, ln

3-9).

5.   It would have been obvious to one of the ordinary skill in the art at the time the invention

was made to combine Banthia and Gong because Gong's a plurality network devices, the

browser being receiving an applet on a webpage from a launch device, X as an unsigned applet,

receiving device information directly from its device server would provide security reasons for

multiple network device using unsigned java applets, and provide web user the ability to use a

greater variety of web resource.

6.   **As to claim 7,** Banthia teaches a view object (function from the applet class, col 4, ln 38-

41).

7.   **As to claim 8,** Banthia teaches a view object (applet class, col 3, ln 35-41).

8.   **As to claims 9, 10,** Banthia teaches a transmitting applet/ a recipient applet (col 3, ln 42-

45).

9.   **As to claim 12,** it is apparatus claim of claim 6; therefore, it is rejected for the same

reason as claim 6 above. In additional, Banthia teaches obtaining reference (any structured data/

a keywork, the data values, col 4, ln 1-5), testing the reference (matching between ID string and the keyword, col 4, ln 15-20), find the a reference (the data, col 4, ln 18-20), a desired model adapter object (applet class, col 3, ln 37-44), the recipient applet (the control applet, col3, ln 51-60), device information as a graphical user interface object (the new data for displaying, col 4, ln 21-25).

10.   **As to claim 13**, it is an apparatus claim of claim 6; therefore, it is rejected for the same reason as claim 6 above. In additional, Banthia teaches device information any structure data/ a key work, the data values (col 4, ln 1-6), unpacking (breaking up the data, col 4, ln 7-10), a form (individual parts, col 4, ln 6-10), a model object of a non-graphical user interface class (applet class, col 3, ln 38-42), unpacking device information represented as a graphical user interface object to form a usable by a model object of a non-graphical user interface class (col 4, ln 5-10), adding the unpacked device information to the mode object (col 4, ln 6-10/ ln 18-20).

11.   **As to claim 14**, it is an apparatus claim of claims 6, 12; therefore, it is rejected for the same reasons as claims 6, 12 above. In additional, Gong teaches and unsigned device applet (unsigned applets, col 1, ln 65-67/ col 2, ln 5-10/col 2, ln 61-65).

12.   **As to claims 16-18**, they are apparatus claims 12-14; therefore, they are rejected for the same reasons as claims 12-14 above.

13.   Claims **11** is rejected under 35 U.S.C. 103(a) as being unpatentable over Banthia (US. Patent 5,922,044) in view of Gong (US. Patent 6,324,574 b1) as applied to claim 1 above and further in view of Admitted Prior Art (APA).

14.   **As to claim 11,** Banthia and Gong do not teaches fibre channel switches. However, APA

teaches fibre channels switches (fibre channel switches, page 2, ln 8-12).

15.   It would have been obvious to one of the ordinary skill in the art at the time the invention

was made to combine the teaching of Banthia, Gong and APA because APA's fibre channel

switches would define a high speed communications interface and low latency connection among

many clients.

Allowable Subject Matter

16.   Claims 1-5 and 15 are allowed.

Response to the argument

29.   Applicant amendment filed on 01/14/2005 has been considered but they are not
persuasive:

Applicant argued in substance that :

(1) " Banthia does have a series of display applets, but they never communicate with a

single device server".

(2) " Banthia dealing with only one server , there would be no reason to look to Gong to

handle mutiple servers".

(3) " each device applet being capable of receiving device information directly from its

respective device server".

(4) " not obating reference to other applets".

(5) " Banthia does not indicate the unpacked device information is added to the model

object".

(6) " Banthia does not mention whether the play applets are graphical or non-graphical".

30.   Examiner respectfully disagreed with Applicant's remarks:

As to the point (1), Banthia teaches establishing a connection data from a client to a

server by a controlling applet(col 2, ln 39-41). Gong also teaches make socket back to the

webserver(col 2, ln 4-6).

As to the point (2), Both Banthia and Gong teach communication between client to the

server by applets.

As to the point (3), Gong clearly teaches unsigned Java applets downloaded from a

webserver can only make socket connections back to the web server , and not to orther

machine(col 2, ln 4-7).

As to the point (4), Banthia teaches structured data (col 4, ln 1-2). Data must be obtained

before data becomes structured data. Banthia also teaches data is breaked up into indiavidual part

(col 4, ln 6-10).

As to the point(5), Banthia teaches breaking up the data into individual parts and

processing each part separately . For example, the controlling applet to sent the new data to

determine which display applet to send the new data (col 4, ln 7-10).

As to the point (6), Banthia teaches display applets are generell display on a single

browser window on a web page(col 4, ln 22-24).

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time

policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE

MONTHS from the mailing date of this action. In the event a first reply is filed within TWO

MONTHS of the mailing date of this final action and the advisory action is not mailed until after

the end of the THREE-MONTH shortened statutory period, then the shortened statutory period

will expire on the date the advisory action is mailed, and any extension fee pursuant to 37

CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event,

however, will the statutory period for reply expire later than SIX MONTHS from the mailing

date of this final action.

Conclusion

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to LeChi Truong whose telephone number is (703) 305 5312. The

examiner can normally be reached on 8 - 5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Meng-Ai An can be reached on 703-305-9678. The fax phone number for the

organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR of Public PAIP. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIP

system, contact the Electronic Business Center (EBC) at 866-217-9197(toll-free).

MENG-AI T. AN
SUPERVISORY PATENT EXAMINER
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